

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450

Re: Inventor(s): Alexandros T. Demos, Khaled A. Elsheref, Josephine J. Chang, and Hichem M'saad
 Title: Clean Process for an Electron Beam Source

22782 U.S. PTO
 10/783748



Transmitted herewith is the patent application identified above, including:

- Specification, claims and abstract, totaling 20 pages.
- Drawings totaling 2 pages, Formal Informal.
- Executed Declaration and Power of Attorney.
- Assignment of the invention to Applied Materials, Inc.
- Assignment Recordation Cover Sheet
- Information Disclosure Statement

FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	15	- 20 =	0	X \$ 18.00	\$ 000.00
Independent Claims	2	- 3 =	0	X \$ 86.00	\$ 000.00
Basic Filing Fee				\$770.00	\$ 770.00
TOTAL FEES					\$ 770.00

- The Commissioner is hereby authorized to charge \$ 770.00 to Deposit Account No. 50-1074.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.
- Please address all future correspondence to:

PATENT COUNSEL, MS/2061
 APPLIED MATERIALS, INC.
 Legal Affairs Department
 P.O.BOX 450A
 Santa Clara, CA. 95052

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. EV 341109685 US

Date of Deposit 2/20/04

Signature Emmaly

Respectfully submitted,

Robert W. Mulcahy
 Registration No. 25,436